



CALIFORNIA  
**ECO RESTORE**  
A STRONGER DELTA ECOSYSTEM.



## PROGRAM UPDATE

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November 2016



# CALIFORNIA ECORESTORE COMPONENTS

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- Projects:
  - Comprehensive suite of actions
  - Accelerating on the ground restoration
- Planning:
  - Longer-term restoration planning
  - Regional strategies
- Adaptive management/monitoring:
  - Landscape scale
  - Multi-agency approach
  - Builds on Delta Science Plan concepts





# CALIFORNIA ECORESTORE TARGETS

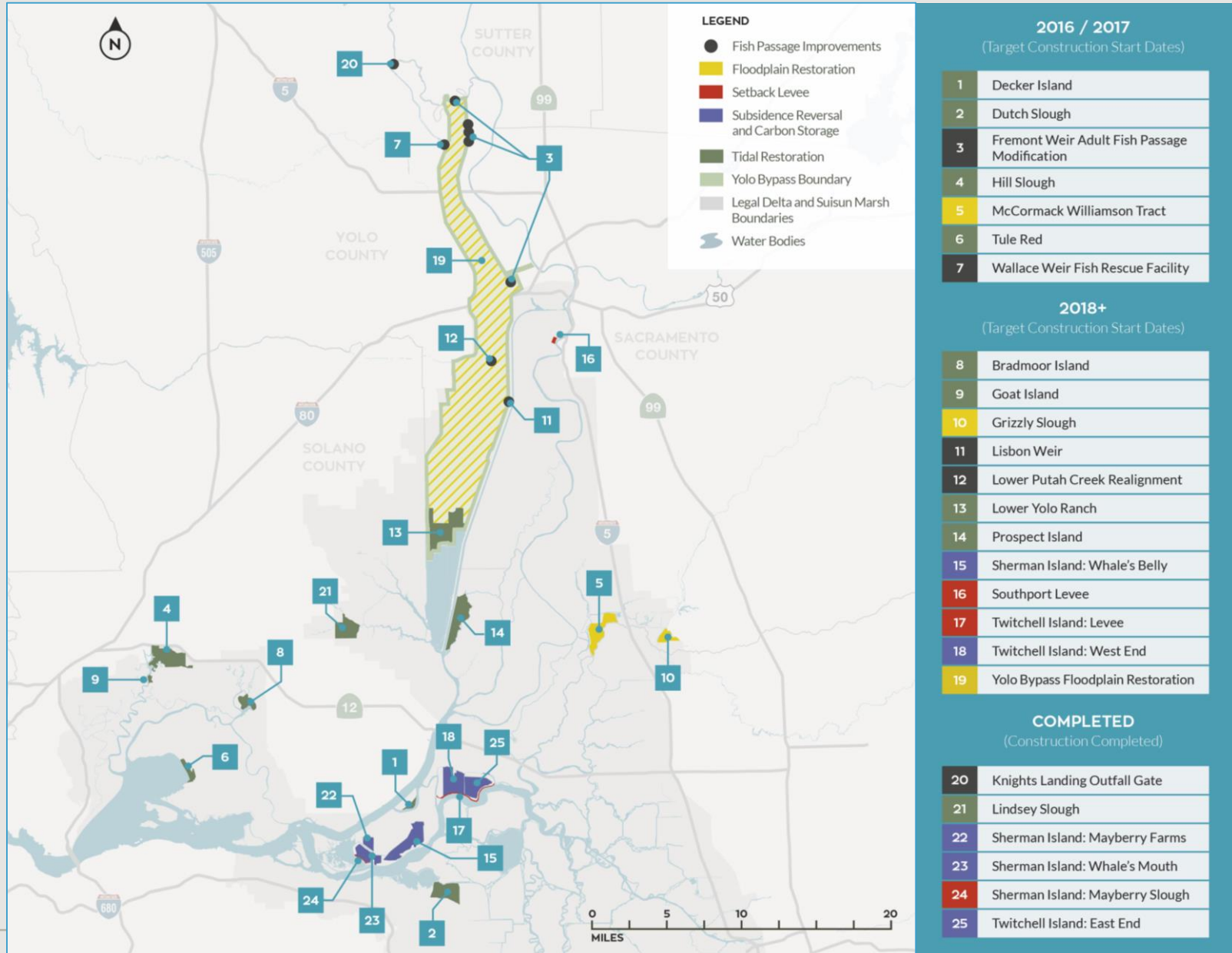
- Restoring more than 30,000 acres in the Delta, Yolo Bypass and Suisun Marsh by 2020:
  - Tidal and sub-tidal
  - Floodplain
  - Managed wetlands
- Fish passage improvements







# Current EcoRestore Projects





# TIDAL WETLAND PROJECT PROGRESS

Restoration Site	Tidal Wetland (acres)	Construction Begins
Tule Red	600	2016
Dutch Slough*	660	2016/2017
Hill Slough*	750	2017
McCormack Williamson*	908	2016/2017
Decker Island	140	2017
Lower Yolo Ranch	1,600	2017
Bradmoor Island	280	2018
Prospect Island	1,500	2019
<b>TOTAL</b>	<b>6,438</b>	

\*Currently not BiOp projects



*Tule Red Groundbreaking September 2016*



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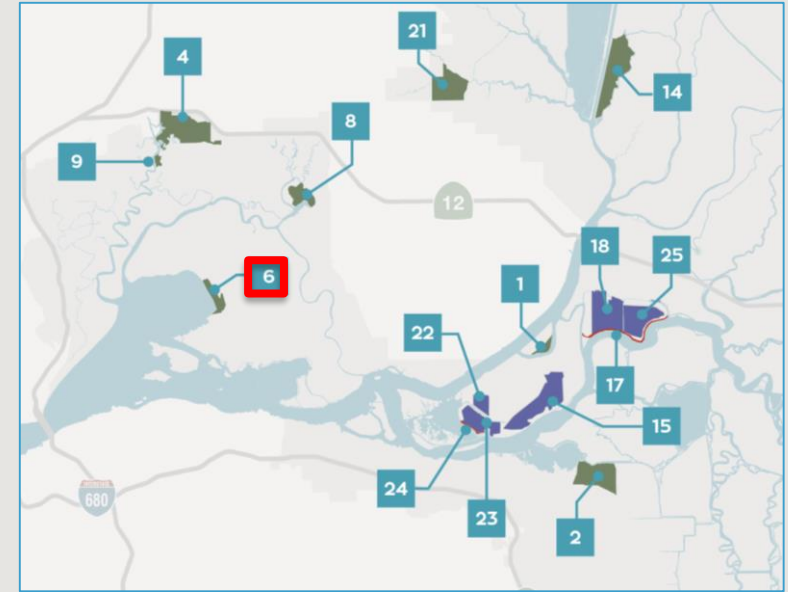
## REQUEST FOR PROPOSALS – TIDAL PROJECTS

- DWR awarding up to \$42.5 M for planning and construction of tidal restoration projects
- Projects implemented by private entities under contract with DWR
- Credits toward 2008 Delta Smelt BiOp
- Projects guided by requirements of the federal Fisheries Agency Strategy Team (FAST)



# TULE RED TIDAL RESTORATION

- Tidal Wetland
- Led by State and Federal Contractors Water Agency and Westervelt
- Located in Suisun Marsh (#6)
- 610 acres of tidal restoration credit toward 2008 USFWS BiOp
- Status: permitting complete, currently under construction

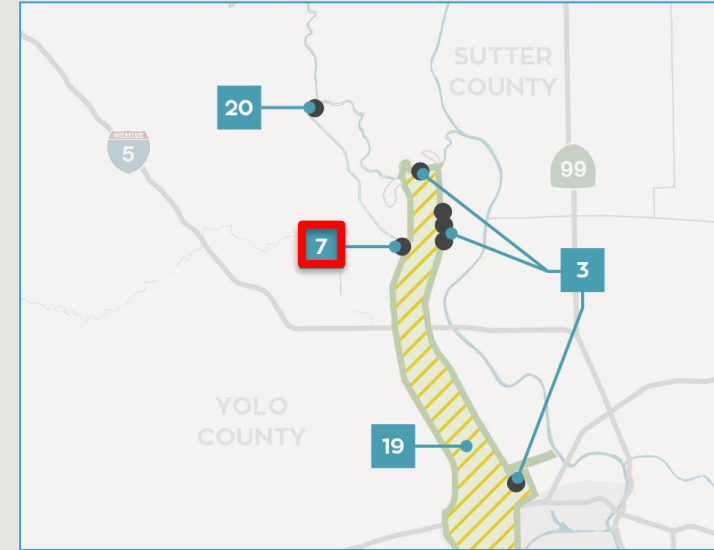






# WALLACE WEIR FISH RESCUE FACILITY

- Yolo Bypass Fish Passage
- Led by DWR and RD 108
- Credit toward 2009 NMFS BiOp
  - Prevent straying into CBD
  - Replace season earthen dam with permanent/operable structure
  - Fish rescue facility
- Status: Under Construction
- Current Challenges:
  - Tight construction window
  - O&M responsibilities

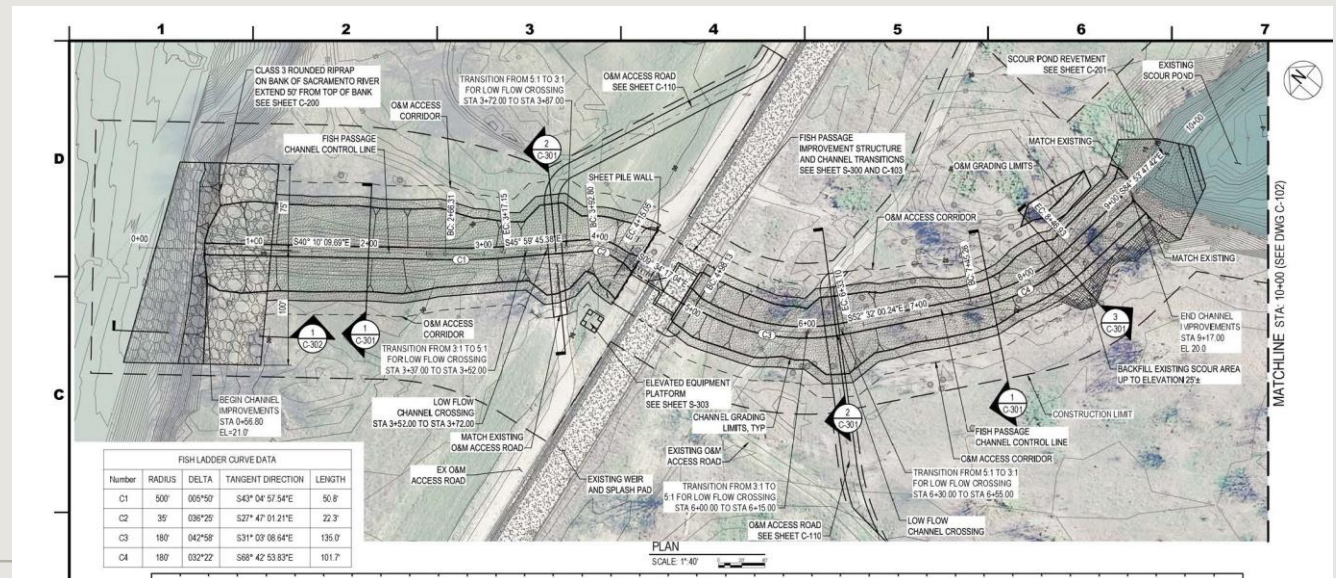
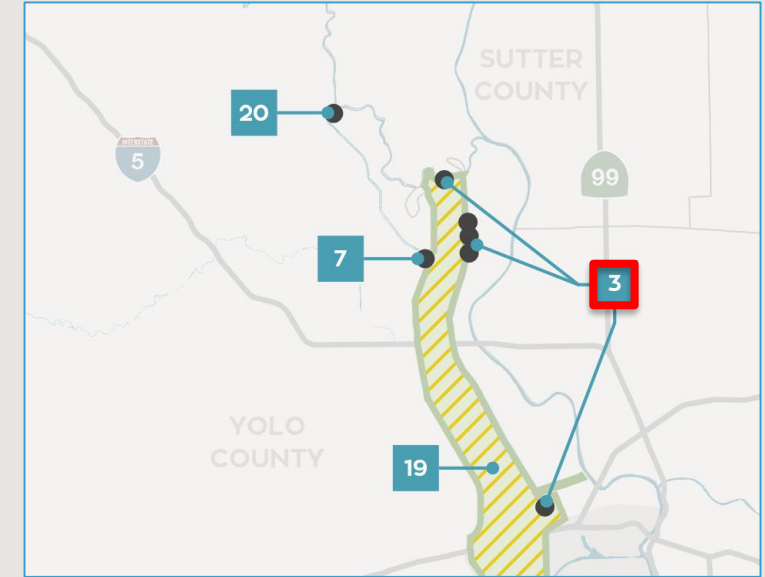






# FREMONT WEIR ADULT FISH PASSAGE

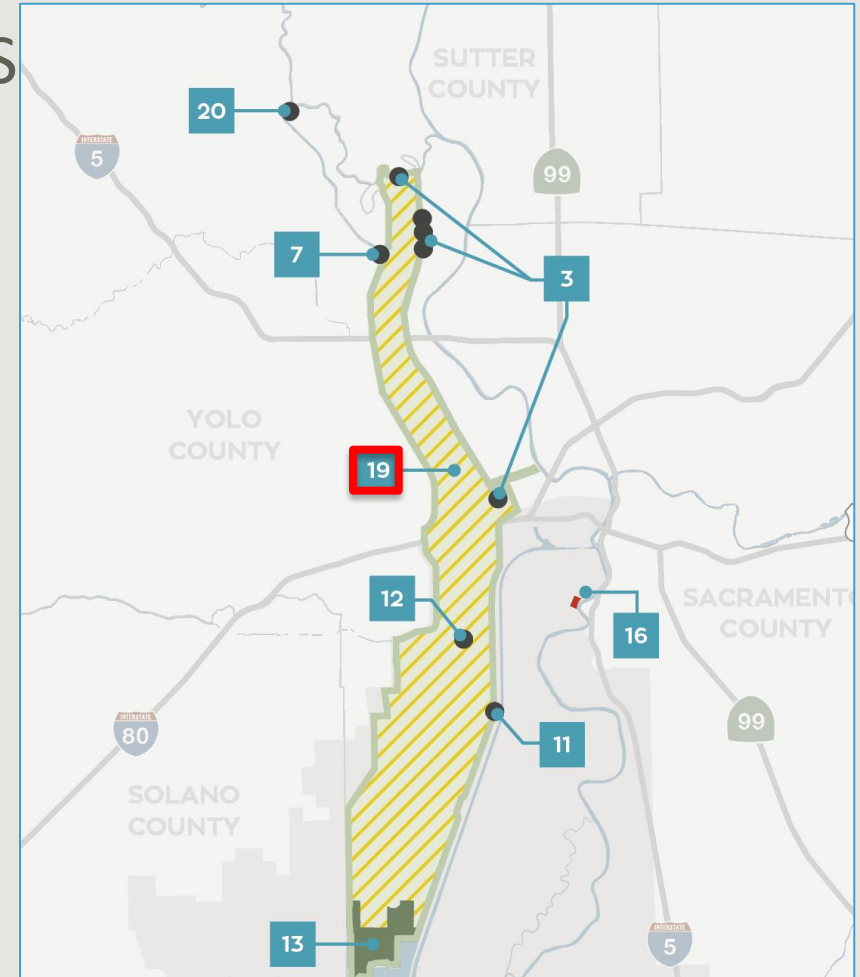
- Yolo Bypass Fish Passage (NMFS BiOp)
  - Improve existing Fremont Weir fish ladder
  - Improve/remove several ag. road crossings
- Led by DWR and USBOR
- Status: Admin. Draft IS-EA
- Construction: Summer 2017
- Expected challenges:
  - Permitting timelines
  - Construction timelines
  - Inter-agency coord.





# YOLO BYPASS FLOODPLAIN RESTORATION

- Yolo Bypass Floodplain Restoration (NMFS BiOP)
- Led by DWR and USBOR
- Status: Project alternatives development
- Public Draft EIR/EIS: Late Summer 2017
- Early and regular engagement of key stakeholder subset
- Expected challenges:
  - Getting to YES





# PROJECT TRACKING MATRIX

## CA EcoRestore - Current Project Tracking

	Property Acquisition Actions
	Permitting - Submission to Expected Issuance
	CEQA/NEPA Process
	Design
	Construction Bid
	Construction

Q1	Jan - Mar
Q2	Apr - June
Q3	July - Sept
Q4	Oct - Dec

Code*	Permit	Code	Permit
A	USFWS BiOp	F	State Lands Commission MOU
B	NMFS BiOp	G	Delta Plan Consistency
C	DFW Section 2081 ITP	H	404 US Army Corps Section 10
D	401 Water Quality Certification	I	408 US Army Corps Permission
E	DFW Section 106	J	CVFPB Encroachment Permit

\* codes listed on expected issuance date

Project	Activity	2016				2017				2018				2019			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Decker Island	Permitting				D, E, F, G	A, B, H, I, J											
	CEQA/NEPA				NOD												
	Design, Bid, Construction		30%	75%	95%												
Prospect Island	Permitting - Expected Issuance							E, G	A, B, D	H, I, J							
	CEQA/NEPA																
	Design, Bid, Construction				30%	65%			95%			Breach					
Bradmoor Island	Property Acquisition/Control	322 lease ends												330 lease ends			
	Permitting - Expected Issuance																
	CEQA/NEPA																
	Design, Bid, Construction																
Lower Putah Creek	Permitting - Expected Issuance																
	CEQA/NEPA			P.D.													
	Design, Bid, Construction			30%				Moving pipeline				Realignment/Water Control					

## Tracking project phases:

- Acquisition
- Permitting (anticipated application submittal and issuance date)
- Design (30%, 60% and 90%)
- Construction bid and construction



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## MORE INFORMATION

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<http://resources.ca.gov/ecorestore/>

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 California EcoRestore



# DPIIC REQUEST:

A commitment to:

- Review matrix of priority EcoRestore projects (December 2016)
- Work internally to understand what resources and/or policy changes are needed to support EcoRestore implementation over next 3 years (December – April)
- At next DPIIC meeting (April 2017) report back on agency internal review; based on the report results, identify where DPIIC can be helpful in further removing barriers and implementing best practices